P5BV-C/4L

ECO Quad-LAN 1P Server Board!
The ASUS server board P5BV-C/4L supports the Multi-Core Intel® Xeon® processor at FSB1333 MHz based on the Intel® 3200 server chipset, providing high performance and great reliability at reasonable cost for entry-level server users. P5BV-C/4L is also featured with up to 8GB DDR2 800/667 memory capacity and PCI-E expansion slots support.

Specification

Processor / System Bus	1 * Socket LGA775 Intel® CoreTM 2 Duo series Dual-Core Intel® Xeon® 3000 series Quad-Core Intel® Xeon® 3200 series Next-Generation 45nm Intel® Xeon® Processor Dual Core/Quad Core FSB 800/1066/1333
Core Logic	Intel® 3200 Memory Contoller Hub (MCH) Intel® ICH7R
Form Factor	ATX, 12" * 9.6"
ASUS Features	Smart Fan I Rack Ready (Rack and Pedestal dual use) ASWM2.0
Memory	**Total Slots:** 4 (2-channel) **Capacity**: Maximum up to 8GB **Memory Type**: DDR2 667 / 800 Unbuffered , ECC / Non ECC **Memory Size**: 256MB, 512 MB, 1 GB, 2GB
Expansion Slots (follow SSI Location #)	**Total PCI/PCI-X/PCI-E Slots**: 5 **Slot Location 1**: 1 * PCI 32bit/33 MHz **Slot Location 2:** 1 * PCI 32bit/33 MHz **Slot Location 3:** 1 * PCI 32bit/33 MHz **Slot Location 4:** 1 * PCI-E x8 (x1 link) **Slot Location 6:** 1 * PCI-E x16 (x8 link)
Storage	**IDE Controller** Intel® ICH7R: 1 * IDE, support UltraATA 33 / 66 / 100 Marvell® 6145: 1 * IDE, support UltraATA 33 / 66 / 100 **SATA Controller** Intel® ICH7R: 4 SATA2 300MB/s ports - Intel Matrix Storage utility supports software RAID 0, 1, 10 & 5 for Windows only LSI MegaRAID driver supports software RAID 0, 1& 10 for Windows and Linux Marvell® 6145:

	4 SATA2 300MB/s ports - Support software RAID 0, 1& 10 for Windows and Linux
Networking	**LAN**: 4 * Marvell® 8056 PCI-E GbE LAN
Graphic	**VGA**: XGI® Z9s DDR2 32MB
Onboard I/O Connectors	**Floppy Connector**: 1 **PSU Connector**: 24-pin ATX power connector + 4-pin ATX 12V power connector **USB Connectors**: 1 (support 2 USB port) **Fan Header**: 5 * 4pin **SMBus**: 1 **Chassis Intruder**: 1 **Serial Port Header**: 1
Rear I/O Connectors	**External Serial Port**: 1 **External USB Port**: 2 **VGA Port**: 1 **RJ-45**: 4 **PS/2 KB/Mouse**: 1
Management Solution	**Software**: ASWM2.0
Monitoring	CPU Temperature FAN RPM
EMI	US (FCC, CFR47 Part 15, Class B) Europe (CE, EN55022 & EN55024)
Environment	**Operation temperature**: 10□ ~ 35□ **Non operation temperature**: -40□ ~ 70□ **Non operation humidity**: 20% ~ 90% (Non condensing)
Accessories	**Standard Gift Box Pack (3pcs per Carton)** Manual, SCD, I/O shield, SATA Cable, SATA Power Cable, IDE/Floppy Cable(3 in 1) **Standard Bulk Pack (10pcs per Carton)** Manual, SCD, I/O shield

The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

* All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
* PCB color and bundled software versions are subject to change without notice.
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